(XVII)

Q.12 Balance the following equation?

C+O, (1)

→ KNO₃ + O₈

NH₃ KNO, (11)

N, + H, ____, CO, + H,O CH, +O, (297)

Na, O. Na +O, (v)

Section-C (Descriptive) Answer any TWO of the following questions in detail.

(60)

Note:

Q.13(a) What is chemical reaction? Explain any three types of chemical with example. Calculate the formula mass (in a.m.u) of each of the following: (b)

(c) C, H, (i) KNO, (a) ALO. (iv)H_LO (Atomic mass: K = 39 = 14, O = 16, H =1, C= 12, Al = 27) (a) Define disocovery of Electron by discharge tube experiment. Q.14

How many protons, Neutoron, Electrons are persent in the following atoms? (D)

03.25 No. (ii) 27 Al (iii) 28 KC (d) 55 CO

0.15 (a) Describe the construction and working of Dry Ceil.

Define metalic bond. (b)